

**Claims**

1. The use of one or more substances chosen from the group of pyrimidines and purines for the preparation of cosmetic or dermatological preparations for boosting natural skin tanning and/or for stimulating melanogenesis in human skin.
2. The use as claimed in claim 1, characterized in that the pyrimidine(s) and purine(s) is or are chosen from the group consisting of purine, uracil, thymine, adenine, guanine, cytosine.